

(Example & Comparative example about zeolite)

Kind of zeolite	SiO <sub>2</sub> /Al <sub>2</sub> O <sub>3</sub> mol ratio	cation content (mass %)	Adsorption capacity [mg Si/g adsorbent]					
			example 2	example 3	example 4	example 5	example 6	example 7
H-X zeolite	5.5	3.5	9.3	8.5	7.3	4.6	2.2	1.3
H-Y zeolite	6.0	0.2	2.1	3.1	4.1	6.1	7.1	8.1
H-Y zeolite	6.0	0.2	1.0	1.2	7.6	7.8	5.2	6.6
H-Y zeolite	6.0	0.2	2.2	3.2	4.2	6.2	7.2	8.2
H-Y zeolite	3.6 0	0.0 3	5.2	8	2.6	3	1.9	1.2
H-mordenite	1.8 3	0.3	2.3	3.3	4.3	6.3	6.3	7.3
H-B zeolite	2.7 4	0.0 2	1.2 3	1.2 0	3.7	4.0	6.3	—
Na-Y zeolite	5.5	8	9.1	C2-1	C4-1	C5-1	7.4	—
Na-X zeolite	2.6	1 2	7.6	C2-2	—	1.3	1.7	1.8
KI <sub>x</sub> zeolite	6.1	7.2	3.6	C3-2	C5-2	C6-1	C7-1	C8-1
Na mordenite	1.8 3	4	1.6	C2-3	—	0	—	—
K Ferrierite	1.8 2	3	5	C3-4	C4-2	C5-4	—	—
			C2-6	C3-5	C4-3	C5-5	—	—

9.3	Adsorption rate
2-1	Example number
9.1	Adsorption rate
C2-1	Comparative example number